

Title (en)  
SYSTEM AND METHOD FOR LOCATING A TARGET WITH A NETWORK OF CAMERAS

Title (de)  
SYSTEM UND VERFAHREN ZUM LOKALISIEREN EINES ZIELS MIT EINEM NETZ VON KAMERAS

Title (fr)  
SYSTEME ET PROCEDE DE LOCALISATION DE CIBLE PAR UN RESEAU DE CAMERAS

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Application  
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Abstract (en)  
[origin: WO2010119231A1] The present invention relates to a system, a method and an intelligent camera for following at least one target (X) with at least one intelligent camera (S) comprising means (S1) for processing data implementing at least one algorithm (AS, AD, AF) for following target(s), means (S2) for acquiring images and means (S21) for communication, characterized in that a detection of at least one target (X) in the region (Z) covered, by virtue of at least one algorithm (AD) for detection at an initial instant, is followed, for each instant (t), by an iteration of at least one step of following the target (X) with at least one camera, termed an active camera, by virtue of at least one variational filtering algorithm (AF) based on a variational filter by estimation (551) of the position of the target (X) through a continuous mixture of Gaussians.

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"Automated Multi-Camera Surveillance: Algorithms and Practice", vol. 10, 1 January 2008, SPRINGER US, Boston, MA, ISBN: 978-0-387-78881-4, ISSN: 1571-5205, article OMAR JAVED ET AL: "Automated Video Surveillance and Tracking in Multiple Cameras with Disjoint Views", XP055359366

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